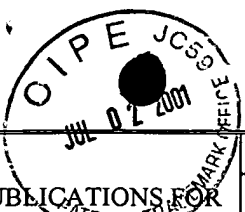


FORM PTO-1449 (Modified)		Attorney Docket No.: 019829000310		Application No.: 09/546,573	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: HOLTEN-ANDERSEN, Mads		Group: 1643	
		Filing Date: April 10, 2000			
Reference Designation		U.S. PATENT DOCUMENTS			Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class
SR	5,324,634	06/28/94	Zucker	435	7.23
FOREIGN PATENT DOCUMENTS					
	Document No.	Date	Country	Class	Sub-class
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
SR AC	Baker et al., "Serum Metalloproteinases and their Inhibitors: Markers for Malignant Potential," <i>Br. J. Cancer</i> 70:506-512 (1994)				
SR AD	Birkedal-Hansen et al., "Matrix Metalloproteinases: A Review," <i>Critical Reviews in Oral Biology and Medicine</i> 4:197-250 (1993)				
SR AE	Clark et al., "Polyclonal and Monoclonal Antibodies Against Human Tissue Inhibitor of Metalloproteinases (TIMP) and the Design of an Enzyme-Linked Immunosorbent Assay to Measure TIMP," <i>Matrix</i> 11:76-85 (1991)				
SR AF	Cooksley et al., "Immunoassays for the Detection of Human Collagenase, Stromelysin, Tissue Inhibitor of Metalloproteinases (TIMP) and Enzyme-Inhibitor Complexes," <i>Matrix</i> 10:285-291 (1990)				
SR AG	Cooper et al., "Platelet-derived Collagenase Inhibitor: Characterization and Subcellular Localization," <i>Proc. Natl. Acad. Sci. USA</i> 82:2779-2783 (1985)				
SR AH	DeClerck et al., "Inhibition of Invasion and Metastasis in Cells Transfected with an Inhibitor of Metalloproteinases," <i>Cancer Research</i> 52:701-708 (1992)				
SR AI	Fujimoto et al., "A One-step Sandwich Enzyme Immunoassay for Tissue Inhibitor of Metalloproteinases-2 Using Monoclonal Antibodies," <i>Clinica Chimica Acta</i> 220:31-45 (1993)				
SR AJ	Goldberg et al., "Interaction of 92-kDa Type IV Collagenase with the Tissue Inhibitor of Metalloproteinases Prevents Dimerization, Complex Formation with Interstitial Collagenase, and Activation of the Proenzyme with Stromelysin," <i>The Journal of Biological Chemistry</i> 267:4583-4591 (1992)				
SR AK	Hembry et al., "Immunolocalization of Tissue Inhibitor of Metalloproteinases (TIMP) in Human Cells Characterization and Use of a Specific Antiserum," <i>J. Cell. Sci.</i> 73:105-119 (1985)				
SR AL	Holten-Andersen et al., "Quantitation of TIMP-1 in Plasma of Healthy Blood Donors and Patients with Advanced Cancer," <i>British Journal of Cancer</i> 80:495-503 (1999)				
SR AM	Jung et al., "Matrix Metalloproteinases 1 and 3, Tissue Inhibitor of Metalloproteinase-1 and the Complex of Metalloproteinases-1/Tissue Inhibitor in Plasma of Patients with Prostate Cancer," <i>Int. J. Cancer (Pred. Oncol.)</i> 74:220-223 (1997)				
SR AN	Jung et al., "What kind of Specimen Should be Selected for Determining Tissue Inhibitor of Metalloproteinases-1 (TIMP-1) in Blood?" <i>Clinica Chimica Acta</i> 254:97-100 (1996)				
SR AO	Jung et al., "Role of Specimen Collection in Preanalytical Variation of Metalloproteinases and Their Inhibitors in Blood," <i>Clinical Chemistry</i> 42:2043-2045 (1996)				
SR AP	Keyszer et al., "Circulating Levels of Matrix Metalloproteinases MMP-3 and MMP-1, Tissue Inhibitor of Metalloproteinases 1 (TIMP-1), and MMP-1/TIMP-1 Complex in Rheumatic Disease. Correlation with Clinical Activity of Rheumatoid Arthritis versus Other Surrogate Markers," <i>The Journal of Rheumatology</i> 26:251-258 (1999)				
SR AQ	Kjeldsen et al., "Subcellular Localization and Release of Human Neutrophil Gelatinase, Confirming the Existence of Separate Gelatinase-containing Granules," <i>Biochem. J.</i> 287:603-610 (1992)				
SR AR	Khokha and Waterhouse, "The role of tissue inhibitor of metalloproteinase-1 in specific aspects of cancer progression and reproduction," <i>Journal of Neuro-Oncology</i> 18:123-127 (1994)				

FORM PTO-1449 (Modified)		Attorney Docket No.: 019829000310	Application No.: 09/546,573
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: HOLTEN-ANDERSEN, Mads	
		Filing Date: April 10, 2000	Group: 1643
<u>SR</u> AS	Khokha et al., "Suppression of Invasion by Inducible Expression of Tissue Inhibitor of Metalloproteinase-1 (TIMP-1) in B16-F10 Melanoma Cells," <i>Journal of the National Cancer Institute</i> 84:1017-1021 (1992)		
<u>SR</u> AT	Khokha et al., "Up-regulation of TIMP-1 Expression in B16-F10 Melanoma Cells Suppresses their Metastatic Ability in Chick Embryo," <i>Clin. Exp. Metastasis</i> 10:365-370 (1992)		
<u>SR</u> AU	Kleiner et al., "Stability Analysis of Latent and Active 72-kDA Type IV Collagenase: The Role of Tissue Inhibitor of Metalloproteinases-2 (TIMP-2)," <i>Biochemistry</i> 32:1583-1592 (1993)		
<u>SR</u> AW	Kodama et al., "A Sandwich Enzyme Immunoassay for Collagenase Inhibitor Using Monoclonal Antibodies," <i>Matrix</i> 9:1-6 (1989)		
<u>SR</u> AX	Liotta et al., "Cancer Metastasis and Angiogenesis: An Imbalance of Positive and Negative Regulation," <i>Cell</i> 64:327-336 (1991)		
<u>SR</u> AY	MacDougall and Matrisian, "Contributions of Tumor and Stromal Matrix Metalloproteinases to Tumor Progression, Invasion and Metastasis," <i>Cancer and Metastasis Reviews</i> 14:351-362 (1995)		
<u>SR</u> AZ	Matrisian, "The Matrix-Degrading Metalloproteinases," <i>BioEssays</i> 14:455-463 (1992)		
<u>SR</u> BA	Mimori, "Clinical Significance of Tissue Inhibitor of Metalloproteinase Expression in Gastric Carcinoma," <i>British Journal of Cancer</i> 76:531-536 (1997)		
<u>SR</u> BB	Moll et al., "Tumor Promoter-stimulated M <sub>r</sub> 92,000 Gelatinase Secreted by Normal and Malignant Human Cells: Isolation and Characterization of the Enzyme from HT1080 Tumor Cells," <i>Cancer Research</i> 50:6162-6170 (1990)		
<u>SR</u> BC	Moutsiaakis et al., "Characterization of Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Human Plasma," <i>Connective Tissue Research</i> 28:213-230 (1992)		
<u>SR</u> BD	Murphy et al., "The N-Terminal Domain of Tissue Inhibitor of Metalloproteinases Retains Metalloproteinase Inhibitor Activity," <i>Biochemistry</i> 30:8097-8102 (1991)		
<u>SR</u> BE	Stetler-Stevenson et al., "Matrix metalloproteinases and Tumor Invasion: from Correlation and Causality to the Clinic," <i>Seminars in Cancer Biology</i> 7:147-154 (1996)		
<u>SR</u> BF	Stetler-Stevenson et al., "Tissue Inhibitor of Metalloproteinases (TIMP-2) A New Member of the Metalloproteinase Inhibitor Family," <i>The Journal of Biological Chemistry</i> 264:17374-17378 (1989)		
<u>SR</u> BG	Stetler-Stevenson et al., "Extracellular matrix 6: Role of matrix metalloproteinases in tumor invasion and metastasis," <i>The FASEB Journal</i> 7:1434-1441 (1993)		
<u>SR</u> BH	Thorgeirsson et al., "Tumor invasion, proteolysis, and angiogenesis," <i>Journal of Neuro-Oncology</i> 18:89-103 (1994)		
<u>SR</u> BI	Welgus et al., "Human Skin Fibroblast Collagenase: Interaction with Substrate and Inhibitor," <i>Collagen Rel. Res.</i> 5:167-179 (1985)		
<u>SR</u> BJ	Wilhelm et al., "SV40-transformed Human Lung Fibroblasts Secrete a 92-kDA Type IV Collagenase Which Is Identical to That Secreted by Normal Human Macrophages," <i>The Journal of Biological Chemistry</i> 264:17213-17221 (1989)		
<u>SR</u> BK	Zucker et al., "Plasma Assay of Gelatinase B: Tissue Inhibitor of Metalloproteinase Complexes in Cancer," <i>Cancer</i> 76:700-708 (1995)		
EXAMINER <u>J. Rand</u> DATE CONSIDERED <u>7/17/01</u>			

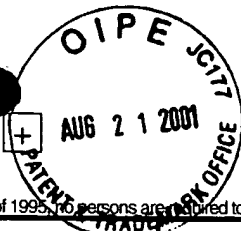
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified)		Attorney Docket No.: 019829000310		Application No.: 09/546,573		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Holten-Andersen, Mads et al.		Filing Date: April 10, 2000		
		Group: 1642		#8		
Reference Designation		U.S. PATENT DOCUMENTS				Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
___ AA						
___ AB						
___ AC						
___ AD						
___ AE						
___ AF						
___ AG						
___ AH						
___ AI						
___ AJ						
___ AK						
___ AL						
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	<del>Class</del>	<del>Sub-class</del>	Translation (Yes/No)
<u>SR</u> AM	PA 1999 00476	09 April 1999	Denmark	—	—	—
___ AN						
___ AO						
___ AP						
___ AQ						
___ AR						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
<u>SR</u> AS	International Search Report for International Application No. PCT/DK 00/0170 dated 10 August 2000					
___ AT						
___ AU						
___ AV						
___ AW						
EXAMINER: <u>/ Pauling</u>		DATE CONSIDERED <u>7/17/01</u>				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	09/546,573
Filing Date	04-10-2000
First Named Inventor	Mads Holten-Andersen et al.
Group Art Unit	1642
Examiner Name	S. Rawlings
Attorney Docket Number	59866.000002

RECEIVED

AUG 23 2001

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	U1	5,324,634		Zucker	06-28-1994	

TECH CENTER 1600/2900

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
SR	F1	—	9738314	WO	Miller et al.	10-16-1997	—	—

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
SR	P1	National Library of Medicine, "Serum levels of a tissue inhibitor of metalloproteinases-1 (TIMP-1) in bladder cancer patients", Naruo S et al., Int J Urol, Vol. 1, No. 3 September 1994, pp. 238-231, see abstract	—
SR	P2	National Library of Medicine, PubMed Website, "Tissue inhibitors of metalloproteinases (TIMP) in invasion and proliferation", Henriette P. et al., APMIS, Vol. 109, No. 1, January 1999, pp. 111-119, see abstract	—
SR	P3	Patent Abstracts of Japan, JP8136548 A, Morinaga, 05-31-1996	—
SR	P4	Dialog Information Services, File 159, Cancerlit, accession no. 93691448, Guillem JG et al., "Evaluation of tissue inhibitor of metalloproteinase-1 (TIMP-1) as a prognostic marker of human colorectal cancer invasion", Proc Annu Meet Am Assoc Cancer Res; 34:A466 1993	—
SR	P5	Dialog Information Services, File 159, Cancerlit, accession no. 96647008, "Elevated tissue inhibitor of metalloproteinase 1 RNA in colorectal cancer stroma correlates with lymph node and distant metastases" Clin Cancer Res; 1(8): 899-906 1995 Zeng Z et al.	—

Examiner  
Signature

*S. Rawlings*

Date  
Considered

8/25/01

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.